

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the present application.

LISTING OF CLAIMS:

1. (Currently Amended) An initial solids mixture for a later organic coating, the initial solids mixture comprising:

an aqueous or water containing organic coating solution with electrically conductive additive particles, the additive particles including at least one of boron carbide, silicon carbide, a conductive oxide, silicide, carbide of transitional elements, boride of transitional elements and lanthanides,

wherein an electrical conductivity of the additive particles is in the metallic range, and wherein the additive particles are configured to have a continuous physical connection in at least one spatial direction.

2. (Previously Presented) The initial solids mixture according to claim 1, further comprising an adhesive agent.

3. (Previously Presented) The initial solids mixture according to claim 1, wherein the transitional elements and lanthanides form one of mixed oxides, silicides, carbides and borides.

4. (Previously Presented) The initial solids mixture according to claim 1, wherein the electrical conductivity is in a range of $\sigma > 10^2 \text{ l}/\Omega \text{ cm}$ to $\sigma < 10^7 \text{ l}/\Omega \text{ cm}$.

5. (Previously Presented) The initial solids mixture according to claim 1, wherein the transitional elements include at least one of iron, manganese, zirconium, titanium, molybdenum, vanadium and tungsten.

6. (Previously Presented) The initial solids mixture according to claim 1, wherein the transitional elements and lanthanides show a mixture of various oxidation states.

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7. (Previously Presented) The initial solids mixture according to claim 1, wherein the lanthanide includes cerium.

Claim 8. (Canceled).

9. (Previously Presented) The initial solids mixture according to claim 1, further comprising a non-noble metal in an elemental state.

10. (Previously Presented) The initial solids mixture according to claim 9, wherein the non-noble metal includes at least one of zinc and aluminum.

Claims 11 to 23. (Canceled).

24. (Previously Presented) The initial solids mixture according to claim 2, wherein the proportion of adhesive agent to additive particles is in a range of 1:2.

25. (Previously Presented) The initial solids mixture according to claim 2, wherein the proportion of adhesive agent to additive particles is in a range of 1:3.

26. (Previously Presented) The initial solids mixture according to claim 2, wherein the aqueous or water containing organic coating solution further comprises hexamethylenetetramine.

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